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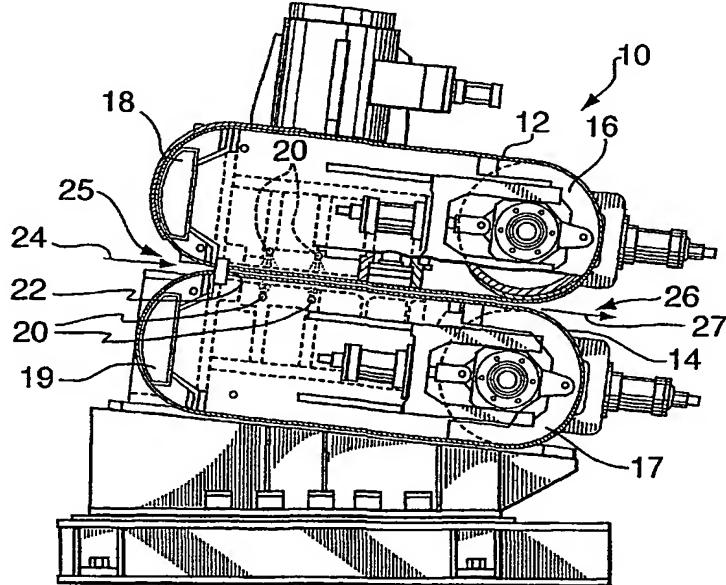
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[Continued on next page]

(54) Title: BELT CASTING OF NON-FERROUS AND LIGHT METALS AND APPARATUS THEREFOR



(57) Abstract: ABSTRACT A casting belt for using in a single-belt or twin-belt casting apparatus is disclosed. The casting belt is made of aluminum alloy such as an alloy from the AA5XXX and AA6XXX systems, preferably having a thickness in the range of 1 to 2 mm. The aluminum casting belt of the invention is suitable for casting non-ferrous and light metals such as aluminum, magnesium, copper, zinc and their alloys, especially aluminum alloys such as Al-Mg, Al-Mg-Si, Al-Fe-Si and Al-Fe-Mn-Si alloy systems. A belt casting machine and process using the aluminum casting belt of the invention are also disclosed.

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